(714) 557-3800 Blakely, Sokoloff, Taylor & Zafman LLP

Title: Fingerprint Minutiae matching Using Scoring Techniques

1st Named Inventor: Tinku Acharya Application No.: 10/734,335

Sheet: 1 of 7

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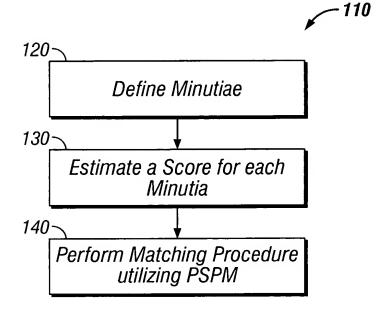


FIG. 1

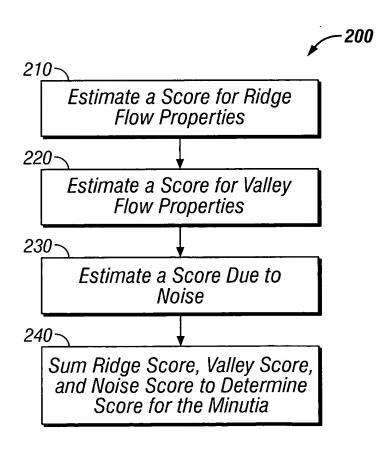


FIG. 2

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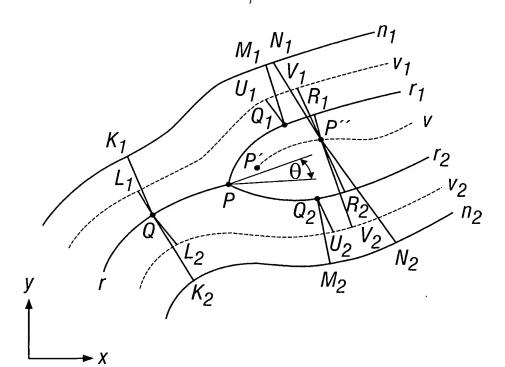


FIG. 3

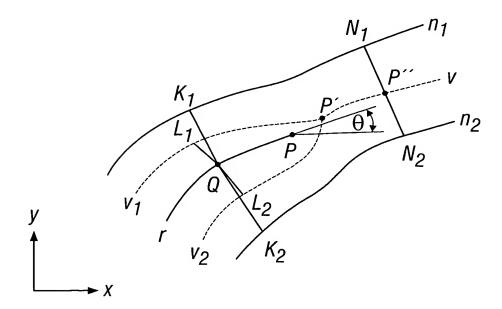


FIG. 4

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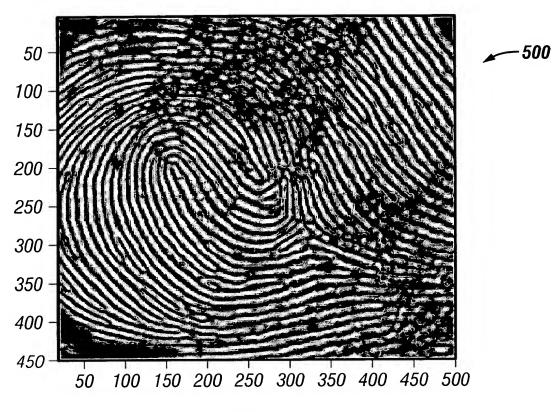


FIG. 5

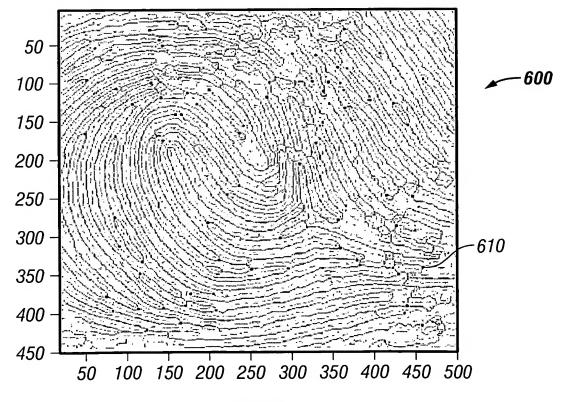


FIG. 6

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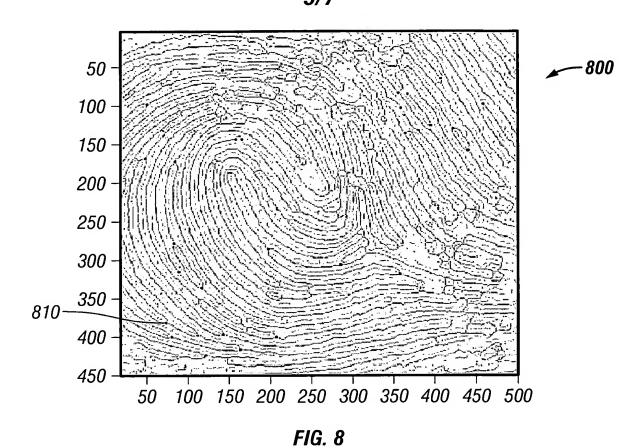
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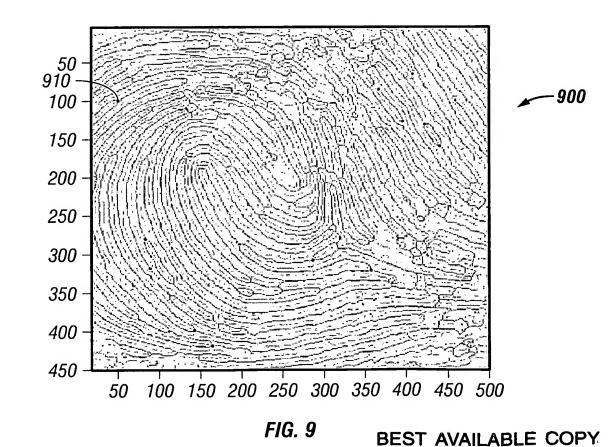
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345	210	BM	251	4
352	375	BM	111	5 5
263	407	BM	31	5
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261	220	BM	50	8
362	116	BM	46	9
357	248	BM	286	10
264	437	BM	211	15
50	196	BM	266	19
250	234	BM	243	34
433	124	BM	253	37
100	350	BM BM	223	39
183	53	BM	334	43
409	84	BM	<i>251</i>	45
187	<u>88</u>	BM	328	45
391	77	BM	245	47
409	206	BM	250	52
347	119	BM	224	53
152	358	BM	37	53
356	291	BM	291	53
406	144	BM	251	<i>59</i>
146	415	BM	29	59
425	164 107	BM	270	62
297	197	BM	43	70
173	432	BM	217	92
290	87	BM	19	94
115	55	BM	300	95
407	114	BM	254 105	96
317	282	BM	105 205	97
330	352	BM Tha	255	99 50
101	361	TM TA	219 15	<i>52</i>
142	388	TM TA	15 10	55 55
82	400	TM TAA	40	55 05
327	92 450	TM TM	27 215	95
115	450	TM	215	99

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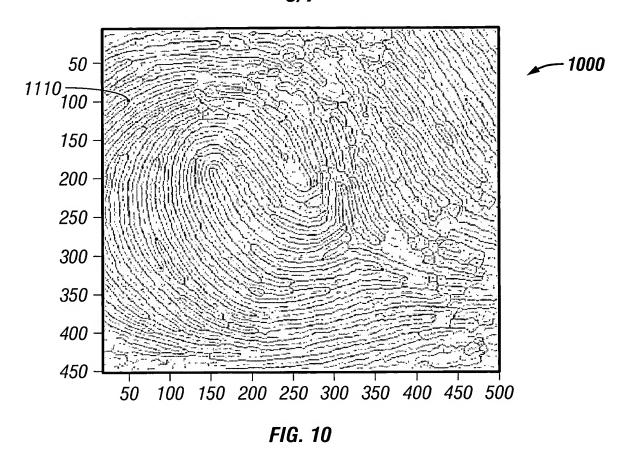
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Number of	CPU time i	% Savings	
Sample Sets, K	Standard Matching	PSPM	% Saviriys
10	39,696,066	1,280,111	96.70
20	85,016,140	3,457,594	95.90
50	228,242,586	11,784,255	94.83
100	548,033,187	19,754,415	96.39
200	1075,977,761	39,255,959	96.35

FIG. 11

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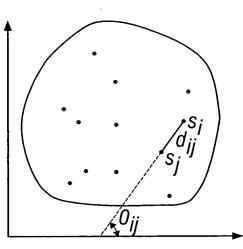


FIG. 12A

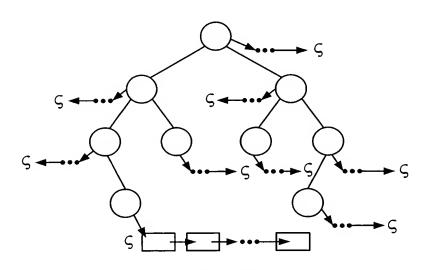


FIG. 12B

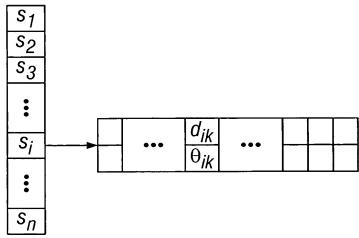


FIG. 12C

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